

Liste des productions scientifiques (publication, communication, ...)
Année 2021

Etablissement Universitaire: Université 8 Mai 1945 Guelma

Faculté: Sciences et de la Technologie

Laboratoire: Problèmes Inverses, Modélisation, Information et Systèmes (PI:MIS)

<i>Productions Scientifiques 2021</i>								
<i>Publications</i>								
	<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Catégorie de la revue: A+ , A , B- Scopus, B-non Scopus, non classée</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Publications internationales</i>	<i>Energy-Efficient Carbon Nanotube Field-Effect Phototransistors: Quantum Simulation, Device Physics, and Photosensitivity Analysis</i>	<i>Khalil Tamersit</i>	<i>IEEE Sensors Journal</i>	<i>2021</i>	<i>A</i>	<i>22</i>	<i>288-296</i>	https://ieeexplore.ieee.org/abstract/document/9617612

<i>Publications internationales</i>	<i>Leveraging Negative Capacitance CNTFETs for Image Processing : An Ultra-Efficient Ternary Image Edge Detection Hardware</i>	<i>Fereshteh Behbahani, Mohammad Khaleqi Qaleh Jooq, Mohammad Hossein Moaiyeri, Khalil Tamersit</i>	<i>IEEE Transactions on Circuits and Systems I</i>	<i>2021</i>	<i>A</i>	<i>68</i>	<i>108-511</i>	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9546047
	<i>A novel band-to-band tunneling junctionless carbon nanotube field-effect transistor with lightly doped pocket : Proposal, assessment, and quantum transport analysis</i>	<i>Khalil Tamersit</i>	<i>Physica E: Low-dimensional Systems and Nanostructures</i>	<i>2021</i>	<i>A</i>	<i>128</i>	<i>p. 114609</i>	https://doi.org/10.1016/j.physe.2020.114609
	<i>Analog/RF performance assessment of ferroelectric junctionless carbon nanotube FETs : A quantum simulation study</i>	<i>Khalil tamersit, Mohammad khaleqi qaleh jooq, Mohammad hossein moaiyeri</i>	<i>Physica E: Low-dimensional Systems and Nanostructures</i>	<i>2021</i>	<i>A</i>	<i>134</i>	<i>p. 114915</i>	https://doi.org/10.1016/j.physe.2021.114915

	<p><i>Improved Switching Performance of Nanoscale p-i-n Carbon Nanotube Tunneling Field-Effect Transistors Using Metal-Ferroelectric-Metal Gating Approach</i></p>	<p><i>Khalil tamersit, Mohammad khaleqi qaleh jooq, Mohammad hossein moaiyeri</i></p>	<p><i>ECS Journal of Solid State Science and Technology</i></p>	<p>2021</p>	<p>A</p>	<p>10</p>	<p>p. 031004</p>	<p>https://iopscience.iop.org/article/10.1149/2162-8777/abed9c</p>
	<p><i>New nanoscale band-to-band tunneling junctionless GNR-FETs: potential high-performance devices for the ultrascaled regime</i></p>	<p><i>Khalil Tamersit</i></p>	<p><i>Journal of Computational Electronics</i></p>	<p>2021</p>	<p>A</p>	<p>20</p>	<p>147-115</p>	<p>https://link.springer.com/article/10.1007/s10825-021-01690-y</p>

Publications internationales	<i>Improved performance of sub-10-nm band-to-band tunneling n-i-n graphene nanoribbon field-effect transistors using underlap engineering: A quantum simulation study</i>	<i>Khalil Tamersit</i>	<i>Journal of Physics and Chemistry of Solids</i>	<i>2021</i>	<i>A</i>	<i>160</i>	<i>p.110312</i>	https://www.sciencedirect.com/science/article/pii/S0022369721003784
	<i>Ultra-Compact Ternary Logic Gates Based on Negative Capacitance Carbon Nanotube FETs</i>	<i>Khalil Tamersit</i>	<i>IEEE Transactions on Circuits and Systems II: Express Briefs</i>	<i>2021</i>	<i>A</i>	<i>68</i>	<i>162-216</i>	https://ieeexplore.ieee.org/abstract/document/9306895/
	<i>Computational Investigation of Negative Capacitance Coaxially Gated Carbon Nanotube Field-Effect Transistors</i>	<i>Khalil Tamersit</i>	<i>IEEE Transactions on Electron Devices</i>	<i>2021</i>	<i>A</i>	<i>68</i>	<i>376-384</i>	https://ieeexplore.ieee.org/document/9272652

<i>Publications internationales</i>	<i>Towards benchmark datasets for machine learning based website phishing detection: An experimental study</i>	<i>Abdelhakim Hannousse, Salima Yahiouche</i>	<i>Engineering Applications of Artificial Intelligence</i>	<i>2021</i>	<i>A</i>	<i>104</i>	<i>p.104347</i>	https://www.sciencedirect.com/science/article/pii/S0952197621001950
	<i>Handling webshell attacks: A systematic mapping and survey</i>	<i>Abdelhakim Hannousse, Salima Yahiouche</i>	<i>Computers & Security</i>	<i>2021</i>	<i>A</i>	<i>108</i>	<i>p.102366</i>	https://www.sciencedirect.com/science/article/pii/S0167404821001905
	<i>Securing microservices and microservice architectures: A systematic mapping study</i>	<i>Abdelhakim Hannousse, Salima Yahiouche</i>	<i>Computer Science Review</i>	<i>2021</i>	<i>A</i>	<i>41</i>	<i>p.100415</i>	https://www.sciencedirect.com/science/article/pii/S1574013721000551
	<i>Searching relevant papers for software engineering secondary studies: Semantic Scholar coverage and identification role</i>	<i>Abdelhakim Hannousse, Salima Yahiouche</i>	<i>IET Software</i>	<i>2021</i>	<i>A</i>	<i>15</i>	<i>126-146</i>	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/sfw2.12011?af=R

<i>Publications internationales</i>	<i>Constructing the Singular Roesser State-Space Model Description of 3D Spatio-Temporal Dynamics From the Polynomial System Matrix</i>	<i>BOUDELLOUA, Mohamed S., SULIKOWSKI, Bartłomiej, GAŁKOWSKI, Krzysztof, et al</i>	<i>IEEE Access</i>	<i>2021</i>	<i>A</i>	<i>9</i>	<i>632-456</i>	https://eprints.soton.ac.uk/454883/1/bartaccess.pdf
	<i>Exploring the impact of gamification on student engagement and involvement with e-learning systems</i>	<i>Imed Bouchrika, Nouzha Harrati, Vanissa Wanick Gary Wills</i>	<i>International Journal of Interactive Learning Environments</i>	<i>2021</i>	<i>A</i>	<i>29</i>	<i>244-125</i>	https://www.tandfonline.com/loi/nile20
	<i>Multi-block color-binarized statistical images for single-sample face recognition</i>	<i>Insaf Adjabi Abdeldjalil Ouahabi, Amir Benzaoui, Sébastien Jacques</i>	<i>Sensors</i>	<i>2021</i>	<i>A</i>	<i>21</i>		https://www.mdpi.com/1424-8220/21/3/728

<i>Publications internationales</i>	<i>Ear recognition based on deep unsupervised active learning</i>	<i>Yacine Khaldi Amir Benzaoui Abdeldjalil Ouahabi Sebastien Jacques Abdelmalik Taleb- Ahmed</i>	<i>IEEE Sensors Journal</i>	<i>2021</i>	<i>A</i>	<i>21</i>	<i>091-310</i>	https://ieeexplore.ieee.org/abstract/document/9496616
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Productions Scientifiques 2021

Communications

	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications nationales	<i>Etude de la fiabilité d'un système biométrique dédiée à la reconnaissance de signatures manuscrites</i>	<i>Boucerredj Leila, Bennacer Layachi, Doghmane Hakim</i>	<i>Séminaire international sur l'industrie et la technologie organisé par Algerian Journal of Engineering, Architecture and Urbanism</i>					https://esti-annaba.dz/2021/03/03/seminaire-international-sur-lindustrie-et-la-technologie/
	<i>étude des performances d'un système contrôlé par ordinateur</i>	<i>Boucerredj Leila, Bennacer Layachi, Bourouba Hocine</i>	<i>Séminaire international sur l'industrie et la technologie organisé par Algerian Journal of Engineering, Architecture and Urbanism</i>					https://esti-annaba.dz/2021/03/03/seminaire-international-sur-lindustrie-et-la-technologie/

<i>Communications internationales</i>	<i>Double-Gate Junctionless GNRFETs Operating in the BTBT Regime: A Simple Design with Improved Performance for Low-Power Applications</i>	<i>Khalil Tamersit</i>	<i>International Semiconductor Conference – CAS 2021</i>	<i>2021</i>	<i>Oui</i>		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9604173
	<i>Improving the On-Current of Junctionless Carbon Nanotube Tunneling FETs Using a Heavily n-Type Doped Pocket</i>	<i>Khalil Tamersit</i>	<i>International Semiconductor Conference – CAS 2021</i>	<i>2021</i>	<i>Oui</i>		https://ieeexplore.ieee.org/abstract/document/9604136
	<i>Junctionless Carbon Nanotube Field-Effect Transistors as Gas Nanosensors for Low-Power Environment Monitoring Applications</i>	<i>Khalil Tamersit</i>	<i>10th International Conference on Modern Circuits and Systems Technologies (MOCAS)</i>	<i>2021</i>	<i>Oui</i>		https://ieeexplore.ieee.org/abstract/document/9493417/authors#authors

	<i>Role of Underlap Structure in Boosting the Performance of Band-to-Band Tunneling Carbon Nanotube FET with 5-nm Gate Length</i>	<i>Khalil Tamersit</i>	<i>10th International Conference on Modern Circuits and Systems Technologies (MOCAST)</i>	<i>2021</i>	<i>Oui</i>			https://ieeexplore.ieee.org/abstract/document/9493375
	<i>RF-DNN2: An ensemble learner for effective detection of PHP Webshells</i>	<i>Abdelhakim Hannousse, Salima Yahiouche</i>	<i>International Conference on Artificial Intelligence for Cyber Security Systems and Privacy (AI-)</i>	<i>2021</i>	<i>Oui</i>			https://ieeexplore.ieee.org/document/9671226
	<i>Spasmodic Dysphonia Detection Using Machine Learning Classifiers</i>	<i>Elmoundher Hadjaidji; Mohamed Cherif Amara Korba; Khaled Khelil</i>	<i>International Conference on Recent Advances in Mathematics and Informatics (ICRAMI)</i>	<i>2021</i>	<i>Oui</i>			https://ieeexplore.ieee.org/document/9585920

<i>Communications internationales</i>	<i>Detection of precancerous laryngeal leukoplakia using sub-band based cepstral</i>	<i>Elmoundher Hadjaidji, Mohamed Cherif Amara Korba, Khaled Khelil</i>	<i>5th International Conference on Networking and Advanced Systems (ICNAS 2021)</i>	<i>2021</i>	<i>Oui</i>			https://ieeexplore.ieee.org/document/9628992
	<i>Tool combination for the description of steel surface image and defect classification</i>	<i>MENTOURI, Zoheir,</i>	<i>The 2nd International Conference on Embedded Systems and Artificial Intelligence</i>	<i>2021</i>	<i>Non</i>			
	<i>Modelisation et simulation d'un système photovoltaïque par la commande MPPT</i>	<i>Boucerredj leila</i>	<i>2ème séminaire international sur les sciences de la matière (physique et chimie)</i>	<i>2021</i>	<i>Non</i>			https://www.aneau.org/aneau/index.php/proceedings/aneau-v5-si-n5.html

<i>Communications internationales</i>	<i>Application d'une méthode d'analyse des risques sur un procédé chimique</i>	<i>Boucerredj leila</i>	<i>2ème séminaire international sur les sciences de la matière (physique et chimie)</i>	<i>2021</i>	<i>Non</i>		https://www.aneau.org/ajeau/index.php/proceedings/ajeau-v5-si-n5.html
	<i>Multi-resolution Texture Analysis for Osteoporosis Classification</i>	<i>Meriem Mebarkia, Abdallah Meraoumia, Lotfi Houam, Seddik Khemaissia, Rachid Jennane</i>	<i>International Conference on Digital Technologies and Applications</i>	<i>2021</i>	<i>Oui</i>		https://link.springer.com/chapter/10.1007/978-3-030-73882-2_70
	<i>Hierarchical Multiscale Local Binary Pattern For Better Osteoporosis Detection</i>	<i>Meriem Mebarkia, Abdallah Meraoumia, Lotfi Houam, Seddik Khemaissia, Bouchemha Amel, Rachid Jennane</i>	<i>IEEE 1st International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering MI-STA</i>	<i>2021</i>	<i>Oui</i>		https://ieeexplore.ieee.org/abstract/document/9464493

<p style="text-align: center;"><i>Communications internationales</i></p>	<p><i>Trabecular Bone Microarchitecture Assessment and Fracture Risk Prediction Using Machine Learning Techniques: A Short Review</i></p>	<p><i>Meriem Mebarkia, Abdallah Meraoumia, Lotfi Houam, Seddik Khemaissia,</i></p>	<p><i>IEEE 1st International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering MI-STA</i></p>	<p><i>2021</i></p>	<p><i>Oui</i></p>			<p>https://ieeexplore.ieee.org/abstract/document/9464362</p>
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